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Date: January 21, 2000

01/21/00

File No. A-67848/JAS/WEN

Assistant Commissioner for Patents Washington, DC 20231

Sir:

"EXPRESS MAIL" MAILING LABEL

NUMBER: EL 173827603 US DATE OF DEPOSIT: Jan. 21, 2000 I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO: BOX PATENT APPLICATION, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231.

TYPED NAME: Judy L. Steinkrans

SIGNED

09/489594

Transmitted herewith for filing is the patent application of Inventors:

DONALD JAMES MACLEOD, ROBERT MICHAEL PELSTRING, MARTEN FREDERICK BYL, JEFFRY ARNOLE LEBLANC, TAN HUNG PHAM, ROBERT ALAN NOTTINGHAM, MICHAEL JAMES WHITTOME

For: APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL BETWEEN A SHAFT AND A HUB

Enclosed are also:

Prior Art Statement

X 8 Sheets of drawing, Formal_, Informal_X_

An Assignment of the invention to: _

Cost of recording included in enclosed check.

Power of Attorney by Assignee & Exclusion of Inventor Under 37 CFR 1.32

Combined Declaration and Power of Attorney for Patent Application

Declaration for Patent Application (unexecuted)

Associate Power of Attorney

Small Entity Status Declaration Under 37 CFR 1.9 (f) and 1.27 (c)

Genetic Sequence Submission: Paper copy, Computer Readable Copy; Statement Verifying Identical Paper

and Computer Readable Copy

and Compute	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY RATE FEE		OTHER THAN SMALL ENTITY RATE FEE	
BASIC FEE				\$380		\$760
TOTAL CLAIMS	20 - 20 =	0	x 9 =	\$	x 18 =	\$
INDEP CLAIMS	3 - 3 =	0	x 39 =	\$	x 78 =	\$
MULTIPLE DEPENDENT CLAIM PRESENTED			+130 =	\$	+ 260 =	\$
If the difference in Col 1 is less than zero, enter "O" in Col. 2			TOTAL	\$	TOTAL	\$760

x Check No. 5182 in the amount of \$760.00 is enclosed for the filing fee.

This application claims priority to application 60/116,758 filed January 22, 1999, application 60/117,826 filed January 29, 1999, application 60/121,687 dated February 25, 1999, and application 60/124,629 filed March 16, 1999.

The Commissioner is hereby authorized to charge any additional fees which may be required, including extension fees, or credit any overpayment to Deposit Account No. 06-1300 (Order No. A-67848/JAS).

Two copies of this sheet are enclosed.

Respectfully submitted,

William E. Nuttle Reg. No. 42,555

FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP

Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187

Telephone: (650) 494-8700 Fax: (650) 398-3249

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